

DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

(x) Original () Supplemental () Substitute () PCT () DESIGN

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: OPTICAL DISK, OPTICAL DISK RECORDING AND REPRODUCING APPARATUS, METHOD FOR RECORDING, REPRODUCING AND DELETING DATA ON OPTICAL DISK, AND INFORMATION PROCESSING SYSTEM

of which is described and claimed in:

- () the attached specification, or
 (x) the specification in application Serial No. _____, filed April 28, 2000, and with amendments through (if applicable), or
 () the specification in International Application No. _____, filed _____, and as amended on _____ (if applicable).

I hereby state that I have reviewed and understand the content of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge my duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim priority benefits under Title 35, United States Code, §119 (and §172 if this application is for a Design) of any application(s) for patent or inventor's certificate listed below and have also identified below any application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED
Japanese	P11-122104	April 28, 1999	YES
Japanese	P11-128197	May 10, 1999	YES
Japanese	P11-299635	October 21, 1999	YES

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	U.S. FILING DATE	STATUS: PATENTED, PENDING, ABANDONED

And I hereby appoint Michael R. Davis, Reg. No. 25,134; Matthew M. Jacob, Reg. No. 25,154; Jeffrey Nolton, Reg. No. 25,408; Warren M. Cheek, Jr., Reg. No. 33,367; Nils Pedersen, Reg. No. 33,145; and Charles R. Watts, Reg. No. 33,142, who together constitute the firm of WENDEROTH, LIND & PONACK, L.L.P., jointly and severally, attorneys to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

I hereby authorize the U.S. attorneys named herein to accept and follow instructions from AOYAMA & PARTNERS as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and myself. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by me.

Send Correspondence to

Direct Telephone Calls to:

WENDEROTH, LIND & PONACK, L.L.P.
2033 K Street, N.W., Suite 800
Washington, D.C. 20006

WENDEROTH, LIND & PONACK, L.L.P.
Area Code (202) 721-8200

Direct Facsimile Messages to:
Area Code (202) 721-8250

Full Name of First Inventor	FAMILY NAME Takahiro	FIRST GIVEN NAME NAGAI	SECOND GIVEN NAME
Residence & Citizenship	CITY Osaka	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS Mezon Higashinoda-cho 301, 4-23, Higashinoda-cho 4-chome, Miyakojima-ku, Osaka-shi, Osaka 534-0024 Japan		

Full Name of Second Inventor	FAMILY NAME ISHIHARA	FIRST GIVEN NAME Hideshi	SECOND GIVEN NAME
Residence & Citizenship	CITY Osaka	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS 10-120, Ikuno 1-chome, Katano-shi, Osaka 576-0054 Japan		

Full Name of Third Inventor	FAMILY NAME TAKAGI	FIRST GIVEN NAME Yuji	SECOND GIVEN NAME
Residence & Citizenship	CITY Osaka	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS 2-29-1-309, Deguchi, Hirakata-shi, Osaka 573-0065 Japan		

Full Name of Fourth Inventor	FAMILY NAME YUMIBA	FIRST GIVEN NAME Takashi	SECOND GIVEN NAME
Residence & Citizenship	CITY Kyoto	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS Bervi Nishiura 606, Kowata-nishiura 58, Uji-shi, Kyoto 611-0002 Japan		

Full Name of Fifth Inventor	FAMILY NAME SHOJI	FIRST GIVEN NAME Mamoru	SECOND GIVEN NAME
Residence & Citizenship	CITY Osaka	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS 3-13-4-805, Mozu-umemachi, Sakai-shi, Osaka 591-8032 Japan		

Full Name of Sixth Inventor	FAMILY NAME OSHIMA	FIRST GIVEN NAME Mitsuaki	SECOND GIVEN NAME
Residence & Citizenship	CITY Kyoto	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS 115-3, Katsura-minamitatsumi-cho, Nishikyo-ku, Kyoto-shi, Kyoto 615-8074 Japan		

Full Name of Seventh Inventor	FAMILY NAME OHARA	FIRST GIVEN NAME Shunji	SECOND GIVEN NAME
Residence & Citizenship	CITY Osaka	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS 221-5, Shinjo, Higashiosaka-shi, Osaka	CITY Osaka	STATE OR COUNTRY Japan ZIP CODE 578-0963
Full Name of Eighth inventor	FAMILY NAME ITO	FIRST GIVEN NAME Motoshi	SECOND GIVEN NAME
Residence & Citizenship	CITY Osaka	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS 17-25-302, Furuichi 3-chome, Joto-ku, Osaka-shi, Osaka	CITY Osaka	STATE OR COUNTRY Japan ZIP CODE 536-0001
Full Name of Ninth inventor	FAMILY NAME ISHIDA	FIRST GIVEN NAME Takashi	SECOND GIVEN NAME
Residence & Citizenship	CITY Kyoto	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS 13-14, Hashimoto-isoku, Yawata-shi, Kyoto	CITY Kyoto	STATE OR COUNTRY Japan ZIP CODE 614-8331
Full Name of Tenth Inventor	FAMILY NAME NAKAMURA	FIRST GIVEN NAME Atsushi	SECOND GIVEN NAME
Residence & Citizenship	CITY Osaka	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS Syokouryo, 25-3, Mido-cho, Kadoma-shi, Osaka	CITY Osaka	STATE OR COUNTRY Japan ZIP CODE 571-0064
Full Name of Eleventh inventor	FAMILY NAME JAHANA	FIRST GIVEN NAME Shoji	SECOND GIVEN NAME
Residence & Citizenship	CITY Kanagawa	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS Dai-5 Mine Haitzu 202, 836-6, Kamoi, Midori-ku, Yokohama-shi, Kanagawa	CITY Yokohama	STATE OR COUNTRY Japan ZIP CODE 226-0003
Full Name of Twelfth inventor	FAMILY NAME NAKATA	FIRST GIVEN NAME Kouhei	SECOND GIVEN NAME
Residence & Citizenship	CITY Hyogo	STATE OR COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
Post Office Address	ADDRESS Eminensu Marunouchi B305, 13-15, Marunouchi-cho, Kawanishi-shi, Hyogo	CITY Kawanishi	STATE OR COUNTRY Japan ZIP CODE 666-0003

I further declare that all statements made herein of my own knowledge are true, and that all statements on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1st Inventor	Takahiro NAGAI	Date	_____
2nd Inventor	Hideshi ISHIHARA	Date	_____
3rd Inventor	Yuji TAKAGI	Date	_____
4th Inventor	Takashi YUMIBA	Date	_____
5th Inventor	Mamoru SHOJI	Date	_____
6th Inventor	Mitsuaki OSHIMA	Date	_____
7th inventor	Shunji OHARA	Date	_____
8th Inventor	Motoshi ITO	Date	_____
9th Inventor	Takashi ISHIDA	Date	_____
10th Inventor	Atsushi NAKAMURA	Date	_____
11th Inventor	Shoji JAHANA	Date	_____
12th Inventor	Kouhei NAKATA	Date	_____

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____ Filing Date April 28, 2000

Applicant Reference Number 531197 Atty Docket No. 2000_0557A

Title of Invention OPTICAL DISK, OPTICAL DISK RECORDING AND REPRODUCING APPARATUS, METHOD FOR RECORDING, REPRODUCING AND DELETING DATA ON OPTICAL DISK, AND INFORMATION PROCESSING SYSTEM